

To: jschu@usgs.gov[jschu@usgs.gov]
Cc: Thompson, Gabrielle[thompson.gabrielle@epa.gov]; Harris, Diane E.[Harris.Dianee@epa.gov]
From: Gravatt, Dan
Sent: Fri 8/30/2013 3:03:57 PM
Subject: RE: Final draft of QAPP addendum for offsite well sampling and rad split samples

John, thanks for your quick work on this. I have our in-house QAPP experts reviewing this, and will provide their comments to you as soon as I get them. In the meantime I have some answers to your questions and a few other tidbits.

- The scoping looks good.
- Section 2.1 and elsewhere: the "RA contractor" should be "PRP contractor".
- Section 2.2: Yes, EPA split sampling has been done under the PRP contractor's QAPP for these four quarterly GW sampling events. "Sampling and Analysis Plan – Additional Groundwater Monitoring, West Lake Landfill Operable Unit 1, Bridgeton, Missouri, Revised June 22, 2012" by Engineering Management Support, Inc. The SAP incorporates by reference existing QAPPs and SOPs.
- Section 2.3: Per an early comment from our QAPP expert: "That SOP is specific to our laboratory when they are doing the analyses and because USGS is doing the analyses, they will need to substitute reference to our SOP for sample receipt with their procedures for sample receipt. Any other region-specific SOP found in the addendum will likely also have to be replaced with reference to the equivalent USGS procedures. On a side note, our SOPs are only available on our intranet site."
- Section 2.7: Will USGS really be able to use these field instruments on a private well spigot or tap (Task 1)? Also, the PRP contractor will have its own field instrumentation for use on the on-site wells, does USGS intend to use its own instead (Task 2)?
- Your assumption in your earlier e-mail is correct; EPA will have someone on-site to handle splits of non-rad analytes (metals, VOCs), probably me, and USGS will handle the rad sample splits.

Once the QAPP experts' comments have been received and addressed, EPA will need a signed hardcopy from USGS as the official document which our regional QA manager and myself can sign.

Daniel R. Gravatt, PG

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Principles and integrity are expensive, but they are among the very few things worth having.

From: Schumacher, John [mailto:jschu@usgs.gov]

Sent: Wednesday, August 28, 2013 2:45 PM

To: Gravatt, Dan

Subject: Final draft of QAPP addendum for offsite well sampling and rad split samples

I still have a few questions (green highlight) that perhaps can be addressed in the further review process.

Cheers,

John

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